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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

9-4-2020

2020-09-04_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus

CORONAVIRUS / MICHIGAN DATA

Michigan Data



DATA ABOUT PLACES

LONG TERM CARE FACILITIES

CORONAVIRUS SYMPTOMS

CUMULATIVE RECOVERED



OUTBREAK REPORTING



CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

4-28

29-223

224-1655

1656-18454

18455+

Michigan

Friday, September 4, 2020

Michigan (Statewide) Case Fatality Rate

6.2%

Current Totals

Case Status	Cases	Deaths
Confirmed	105,377	6,526
Probable	10,918	272
Total	116,295	6,798

Laboratory Testing

Test Type	Tests Performed
Diagnostic	2,910,192
Serology	262,033
Total	3,172,225

Microsoft Power BI

< 1 of 7 >

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X

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	8%	2%
Non-Hispanic Latino	67%	84%
Unknown	25%	14%

Totals may not add to 100% due to rounding

https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

2/3

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	4%	2%
Non-Arab	50%	46%
Unknown	46%	52%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 9/4/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 08/28/2020): **76,151**

Note on recovery: During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on August 28, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to July 29, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

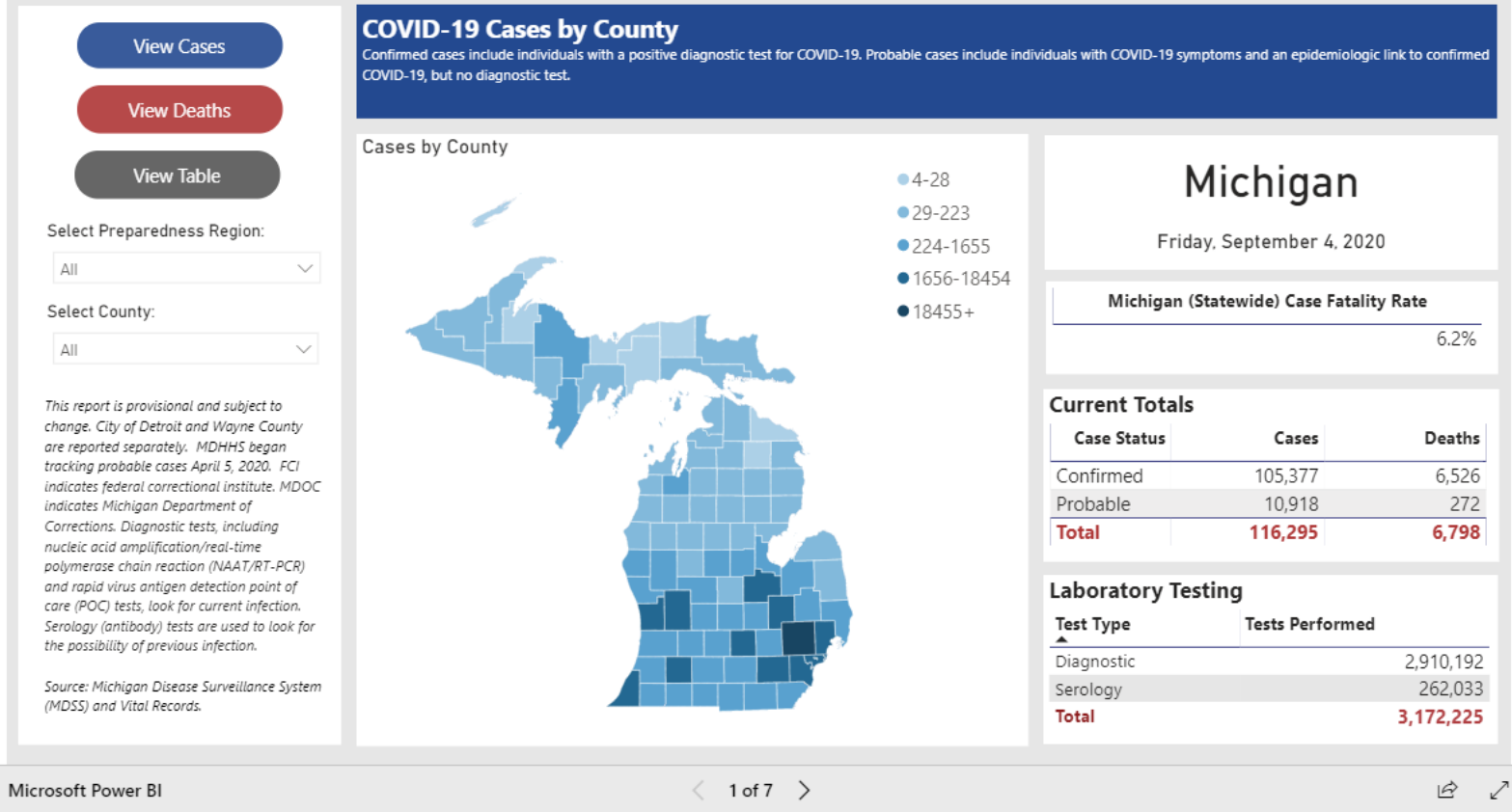
Source: Michigan Disease Surveillance System and Vital Records

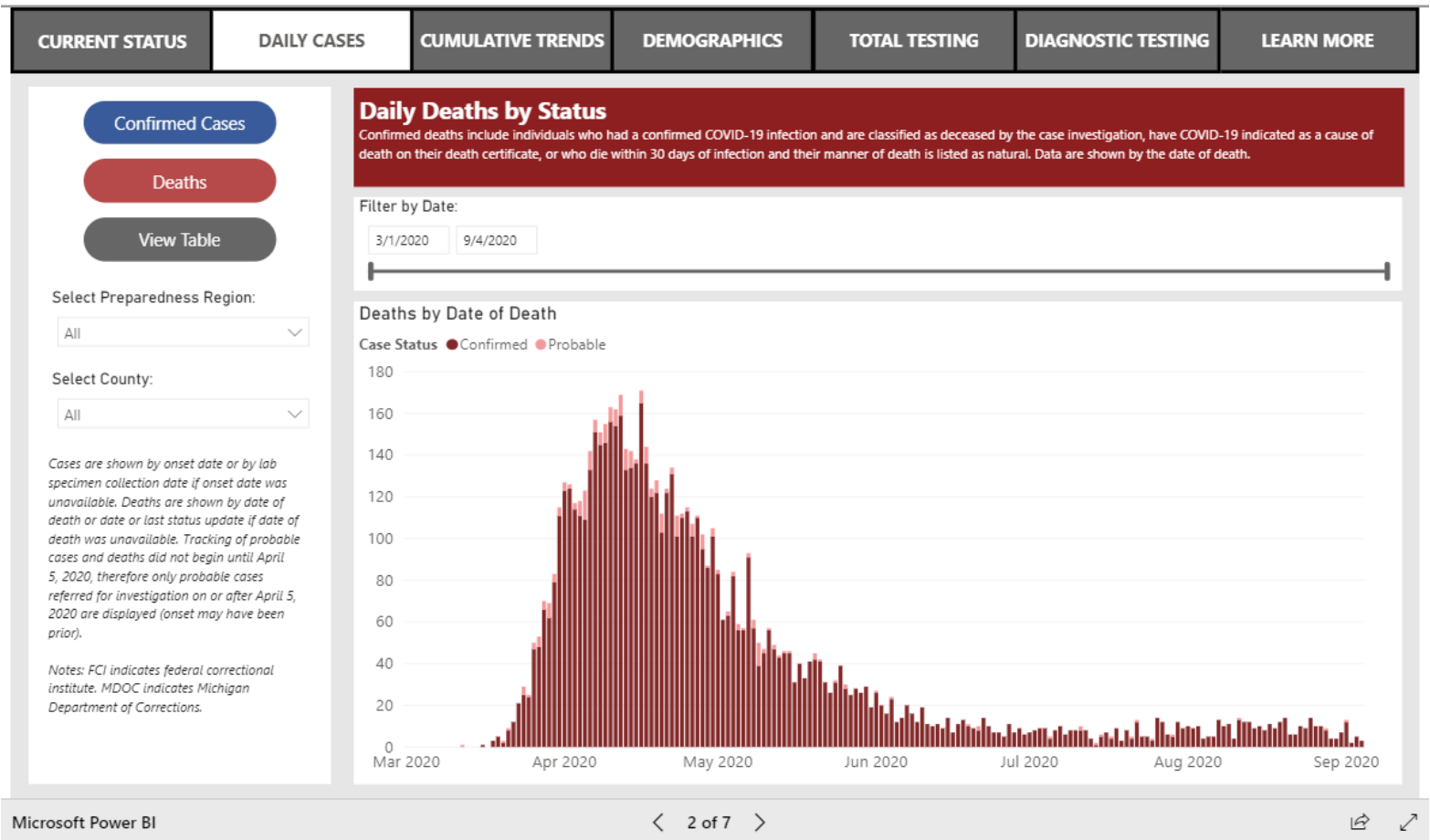
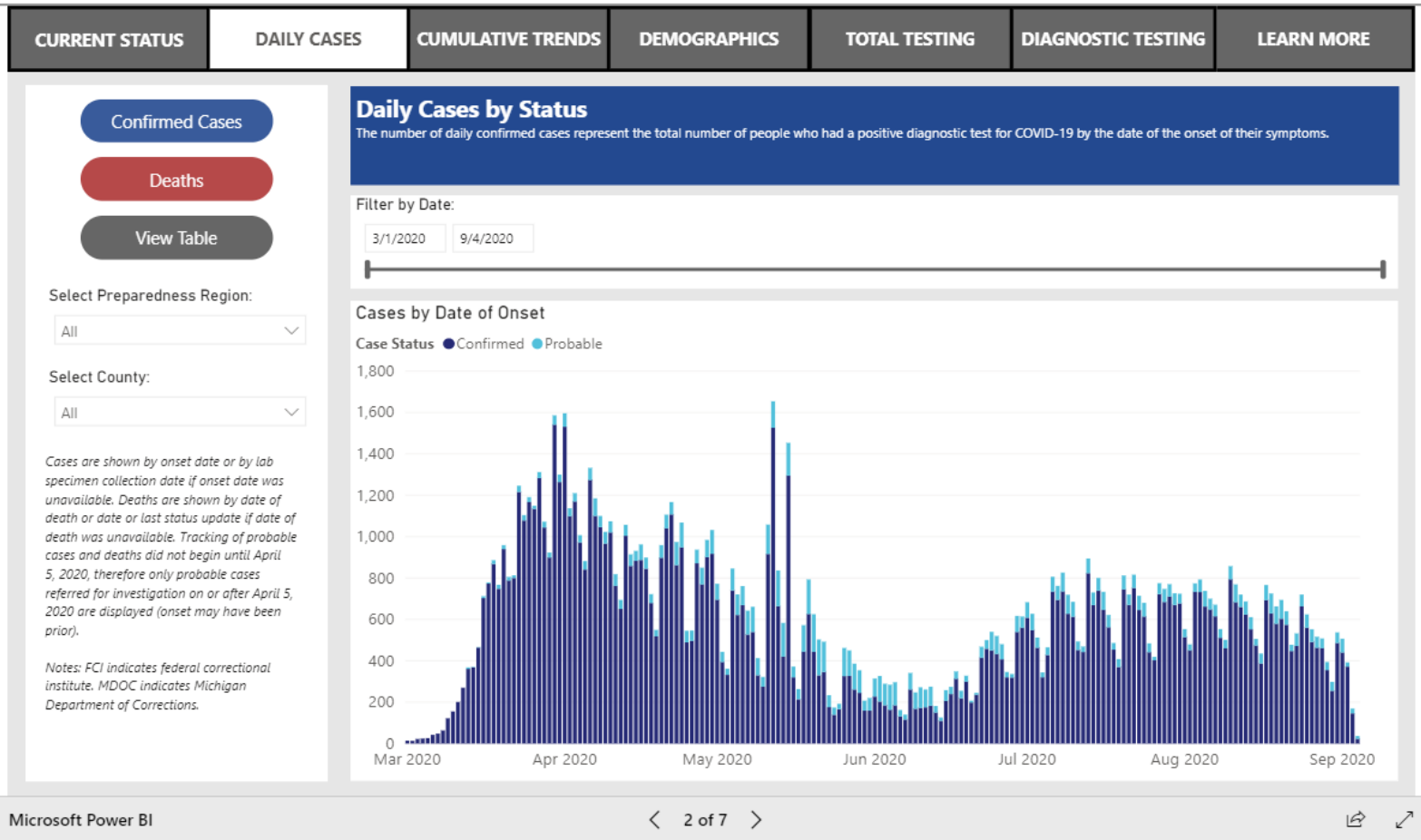


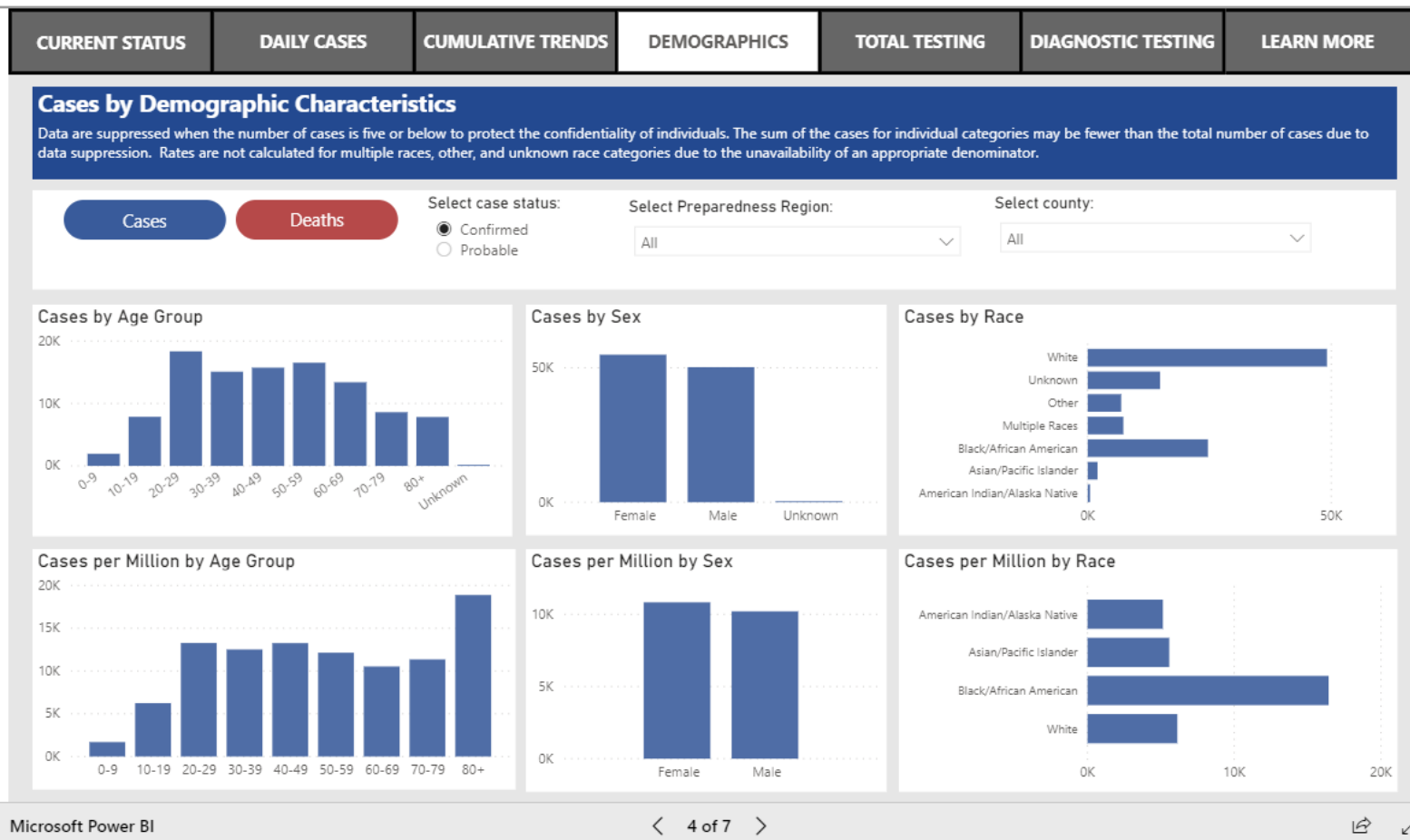
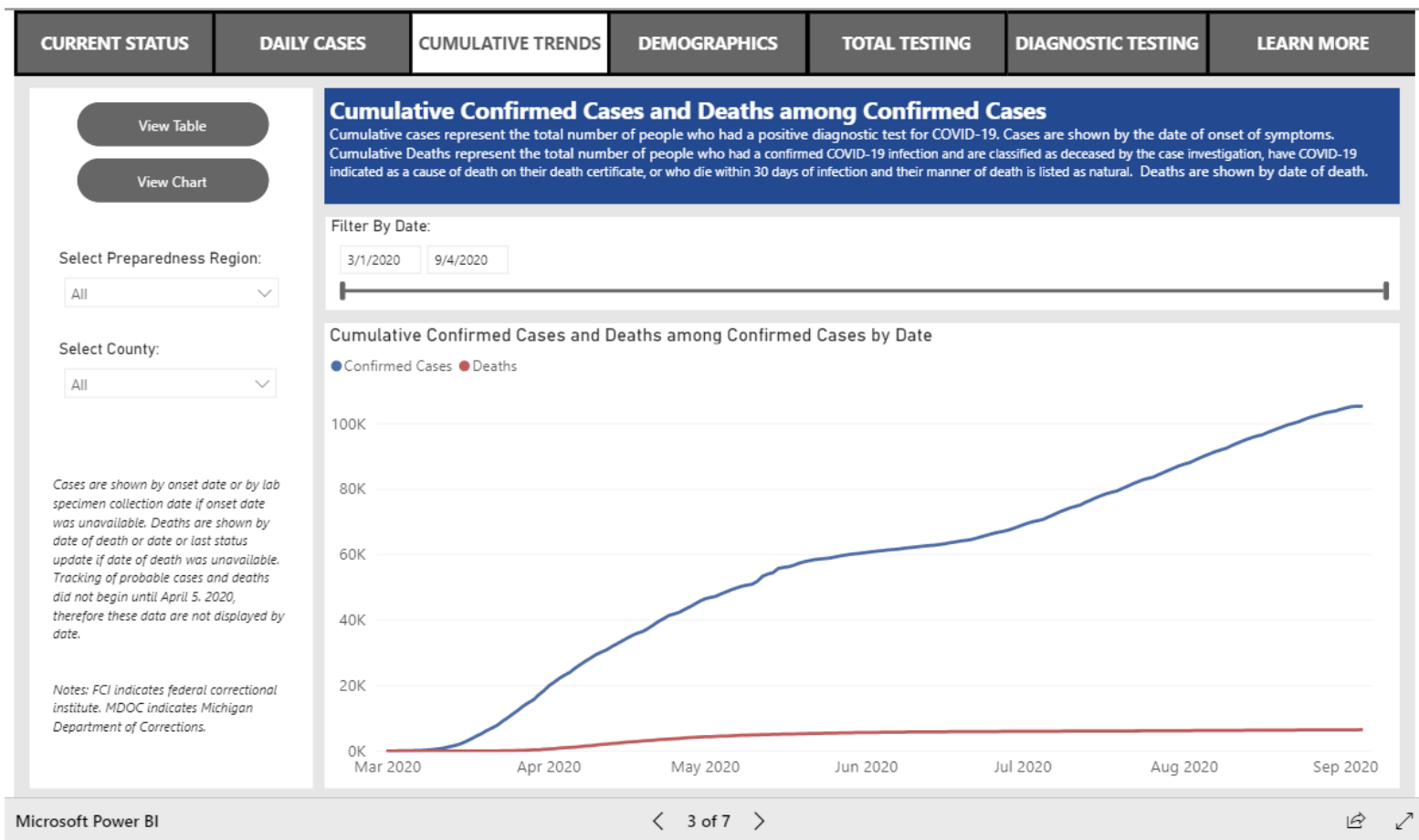
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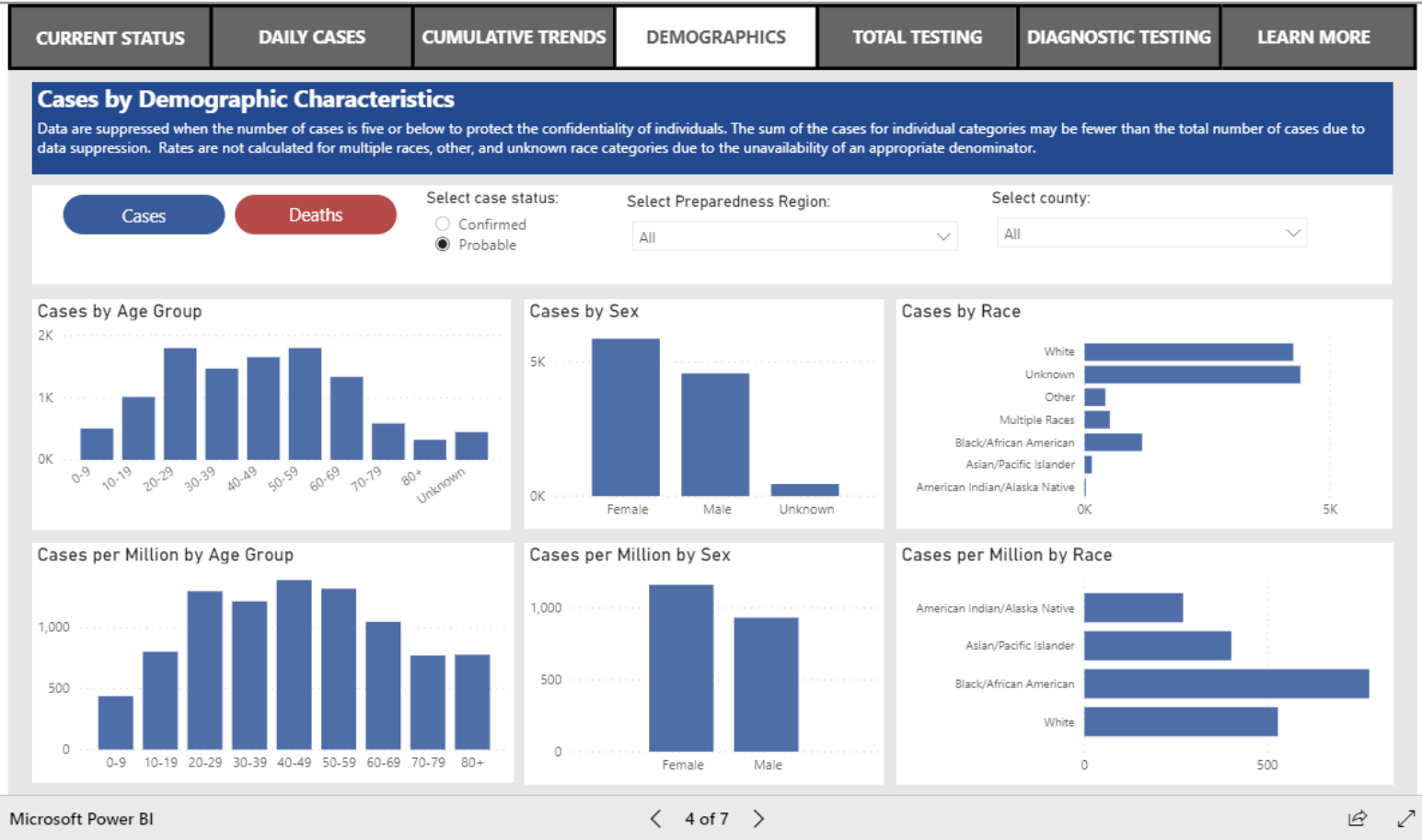
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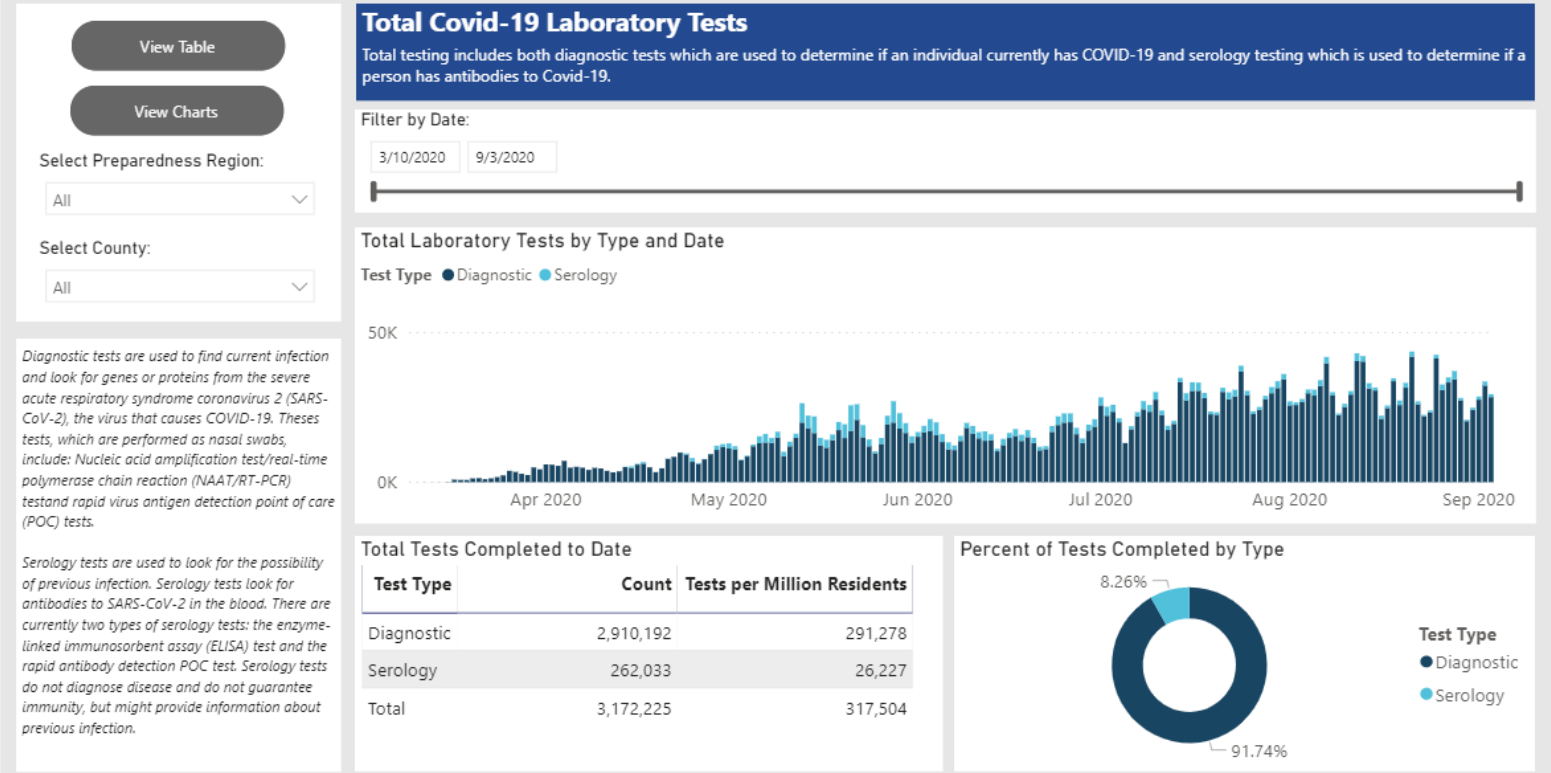


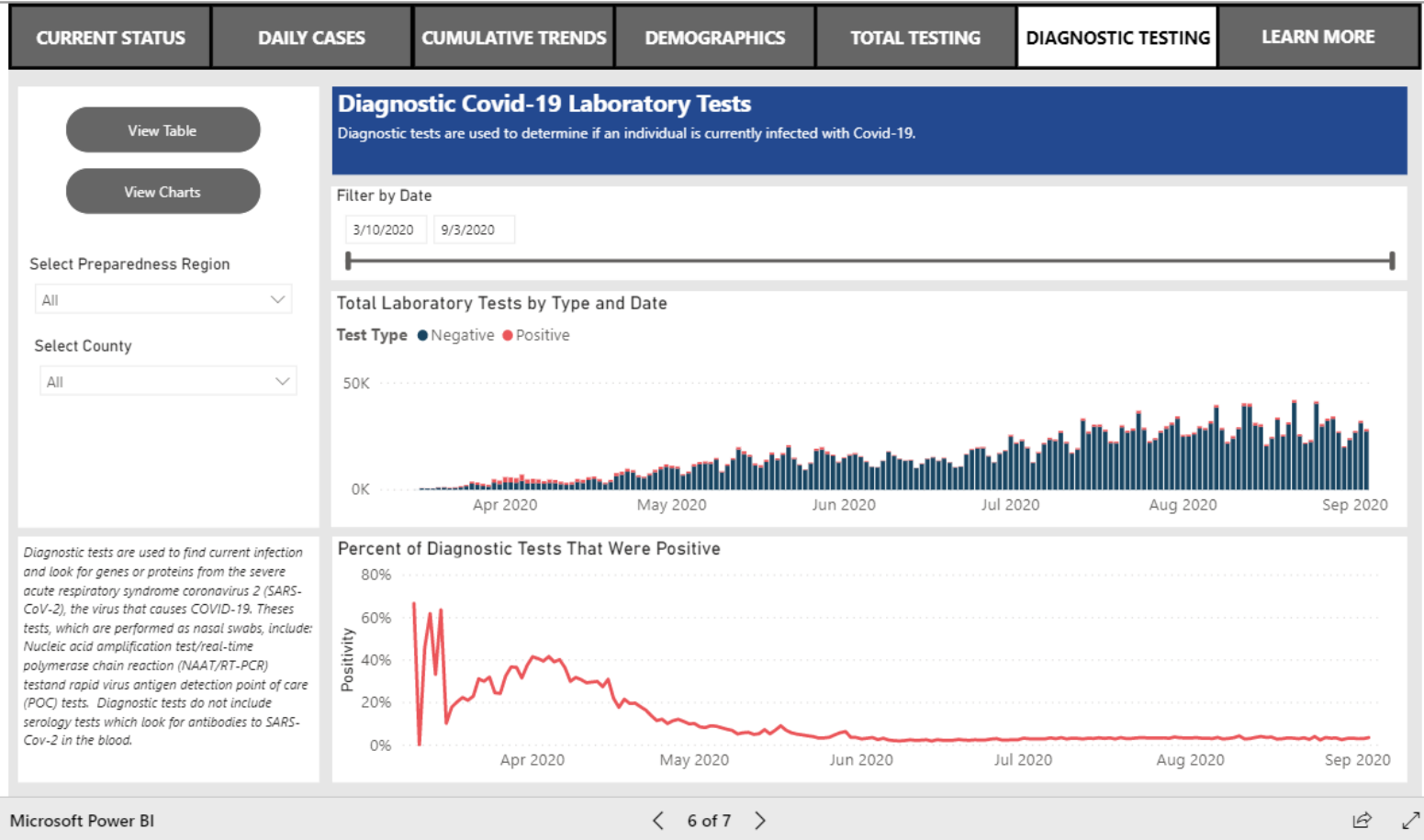




Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.





PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-09-04

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/09/04 13:09:53	Alcona	30	2	7	0
2020/09/04 13:09:53	Alger	17	0	1	0
2020/09/04 13:09:53	Allegan	586	6	72	0
2020/09/04 13:09:53	Alpena	118	14	14	0
2020/09/04 13:09:53	Antrim	53	0	7	0
2020/09/04 13:09:53	Arenac	55	3	6	0
2020/09/04 13:09:53	Baraga	6	0	2	0
2020/09/04 13:09:53	Barry	200	2	24	0
2020/09/04 13:09:53	Bay	775	43	91	0
2020/09/04 13:09:53	Benzie	52	2	4	0
2020/09/04 13:09:53	Berrien	1470	70	186	0
2020/09/04 13:09:53	Branch	458	4	47	0
2020/09/04 13:09:53	Calhoun	936	43	118	1
2020/09/04 13:09:53	Cass	395	16	32	0
2020/09/04 13:09:53	Charlevoix	68	3	6	0
2020/09/04 13:09:53	Cheboygan	68	2	15	0
2020/09/04 13:09:53	Chippewa	43	0	21	0
2020/09/04 13:09:53	Clare	95	4	9	0
2020/09/04 13:09:53	Clinton	459	13	76	0
2020/09/04 13:09:53	Crawford	104	5	9	0
2020/09/04 13:09:53	Delta	150	3	26	0
2020/09/04 13:09:53	Dickinson	66	2	1	0
2020/09/04 13:09:53	Eaton	466	9	60	0
2020/09/04 13:09:53	Emmet	119	3	10	0
2020/09/04 13:09:53	Genesee	3265	279	756	26
2020/09/04 13:09:53	Gladwin	73	2	8	0
2020/09/04 13:09:53	Gogebic	135	1	11	0
2020/09/04 13:09:53	Grand Traverse	338	7	42	0
2020/09/04 13:09:53	Gratiot	174	15	19	0
2020/09/04 13:09:53	Hillsdale	280	26	25	0
2020/09/04 13:09:53	Houghton	96	2	14	0
2020/09/04 13:09:53	Huron	172	4	33	0
2020/09/04 13:09:53	Ingham	1838	40	51	0
2020/09/04 13:09:53	Ionia	350	7	35	0
2020/09/04 13:09:53	Iosco	122	11	27	1
2020/09/04 13:09:53	Iron	34	1	2	0
2020/09/04 13:09:53	Isabella	501	10	56	0
2020/09/04 13:09:53	Jackson	836	39	23	1
2020/09/04 13:09:53	Kalamazoo	1834	86	203	2
2020/09/04 13:09:53	Kalkaska	55	4	13	0
2020/09/04 13:09:53	Kent	7895	165	745	4
2020/09/04 13:09:53	Keweenaw	4	0		
2020/09/04 13:09:53	Lake	28	0	1	0
2020/09/04 13:09:53	Lapeer	465	35	87	1
2020/09/04 13:09:53	Leelanau	88	1	7	0
2020/09/04 13:09:53	Lenawee	617	13	48	0
2020/09/04 13:09:53	Livingston	986	28	178	1

2020/09/04 13:09:53	Luce	6	0		
2020/09/04 13:09:53	Mackinac	32	0	10	0
2020/09/04 13:09:53	Macomb	12639	943	465	39
2020/09/04 13:09:53	Manistee	56	1	5	0
2020/09/04 13:09:53	Marquette	224	11	40	0
2020/09/04 13:09:53	Mason	109	0	13	0
2020/09/04 13:09:53	Mecosta	90	2	8	0
2020/09/04 13:09:53	Menominee	229	0	31	0
2020/09/04 13:09:53	Midland	354	11	95	0
2020/09/04 13:09:53	Missaukee	34	1	15	0
2020/09/04 13:09:53	Monroe	1212	27	155	1
2020/09/04 13:09:53	Montcalm	218	4	20	0
2020/09/04 13:09:53	Montmorency	11	0	1	0
2020/09/04 13:09:53	Muskegon	1303	68	60	0
2020/09/04 13:09:53	Newaygo	288	1	14	0
2020/09/04 13:09:53	Oakland	14759	1127	3696	43
2020/09/04 13:09:53	Oceana	475	6	26	0
2020/09/04 13:09:53	Ogemaw	44	5	14	0
2020/09/04 13:09:53	Ontonagon	35	0	1	0
2020/09/04 13:09:53	Osceola	71	0	9	0
2020/09/04 13:09:53	Oscoda	22	1	7	0
2020/09/04 13:09:53	Otsego	129	11	22	0
2020/09/04 13:09:53	Ottawa	2240	58	131	5
2020/09/04 13:09:53	Presque Isle	20	1	2	0
2020/09/04 13:09:53	Roscommon	59	4	17	0
2020/09/04 13:09:53	Saginaw	2448	129	175	3
2020/09/04 13:09:53	Sanilac	123	6	5	1
2020/09/04 13:09:53	Schoolcraft	14	0	1	0
2020/09/04 13:09:53	Shiawassee	423	29	29	1
2020/09/04 13:09:53	St Clair	811	52	128	1
2020/09/04 13:09:53	St Joseph	603	11	88	0
2020/09/04 13:09:53	Tuscola	407	29	59	0
2020/09/04 13:09:53	Van Buren	584	14	74	2
2020/09/04 13:09:53	Washtenaw	2652	114	330	0
2020/09/04 13:09:53	Wayne	16150	1245	909	38
2020/09/04 13:09:53	Wexford	96	4	16	0
2020/09/04 13:09:53	MDOC	5338	70	7	0
2020/09/04 13:09:53	FCI	191	5	5	0
2020/09/04 13:09:53	Out-of-State	136	0	3	0
2020/09/04 13:09:53	Unknown			5	0
2020/09/04 13:09:53	Detroit City	13767	1511	999	101

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-09-04

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	6	0
Confirmed	10-19	American Indian/Alaska Native	Female	24	0
Confirmed	20-29	American Indian/Alaska Native	Female	46	0
Confirmed	30-39	American Indian/Alaska Native	Female	40	0
Confirmed	40-49	American Indian/Alaska Native	Female	42	0
Confirmed	50-59	American Indian/Alaska Native	Female	47	0
Confirmed	60-69	American Indian/Alaska Native	Female	22	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	18	Suppressed
Confirmed	80+	American Indian/Alaska Native	Female	7	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	0	0
Confirmed	0-9	Asian/Pacific Islander	Female	17	0
Confirmed	10-19	Asian/Pacific Islander	Female	53	0
Confirmed	20-29	Asian/Pacific Islander	Female	178	0
Confirmed	30-39	Asian/Pacific Islander	Female	218	0
Confirmed	40-49	Asian/Pacific Islander	Female	207	0
Confirmed	50-59	Asian/Pacific Islander	Female	173	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	103	Suppressed
Confirmed	70-79	Asian/Pacific Islander	Female	50	11
Confirmed	80+	Asian/Pacific Islander	Female	57	23
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	173	Suppressed
Confirmed	10-19	Black/African American	Female	457	Suppressed
Confirmed	20-29	Black/African American	Female	2006	Suppressed
Confirmed	30-39	Black/African American	Female	1986	8
Confirmed	40-49	Black/African American	Female	2141	52
Confirmed	50-59	Black/African American	Female	2074	105
Confirmed	60-69	Black/African American	Female	1894	229
Confirmed	70-79	Black/African American	Female	1301	317
Confirmed	80+	Black/African American	Female	1026	419
Confirmed	Unknown	Black/African American	Female	Suppressed	0
Confirmed	0-9	Multiple Races	Female	68	0
Confirmed	10-19	Multiple Races	Female	312	0
Confirmed	20-29	Multiple Races	Female	781	0
Confirmed	30-39	Multiple Races	Female	617	Suppressed
Confirmed	40-49	Multiple Races	Female	715	Suppressed
Confirmed	50-59	Multiple Races	Female	745	Suppressed
Confirmed	60-69	Multiple Races	Female	459	Suppressed
Confirmed	70-79	Multiple Races	Female	216	11
Confirmed	80+	Multiple Races	Female	207	22
Confirmed	Unknown	Multiple Races	Female	Suppressed	0
Confirmed	0-9	Other	Female	126	0
Confirmed	10-19	Other	Female	393	0
Confirmed	20-29	Other	Female	756	0
Confirmed	30-39	Other	Female	584	Suppressed
Confirmed	40-49	Other	Female	569	Suppressed
Confirmed	50-59	Other	Female	387	Suppressed
Confirmed	60-69	Other	Female	250	15

Confirmed	70-79	Other	Female	129	15
Confirmed	80+	Other	Female	108	22
Confirmed	Unknown	Other	Female	0	0
Confirmed	0-9	Unknown	Female	102	0
Confirmed	10-19	Unknown	Female	628	0
Confirmed	20-29	Unknown	Female	1247	0
Confirmed	30-39	Unknown	Female	1008	0
Confirmed	40-49	Unknown	Female	1148	Suppressed
Confirmed	50-59	Unknown	Female	1149	6
Confirmed	60-69	Unknown	Female	856	14
Confirmed	70-79	Unknown	Female	492	23
Confirmed	80+	Unknown	Female	545	36
Confirmed	Unknown	Unknown	Female	9	0
Confirmed	0-9	White	Female	398	0
Confirmed	10-19	White	Female	2259	0
Confirmed	20-29	White	Female	4914	Suppressed
Confirmed	30-39	White	Female	3222	10
Confirmed	40-49	White	Female	3331	22
Confirmed	50-59	White	Female	3663	67
Confirmed	60-69	White	Female	2907	172
Confirmed	70-79	White	Female	2112	381
Confirmed	80+	White	Female	3123	1086
Confirmed	Unknown	White	Female	12	0
Confirmed	0-9	American Indian/Alaska Native	Male	9	0
Confirmed	10-19	American Indian/Alaska Native	Male	10	0
Confirmed	20-29	American Indian/Alaska Native	Male	36	0
Confirmed	30-39	American Indian/Alaska Native	Male	37	0
Confirmed	40-49	American Indian/Alaska Native	Male	44	0
Confirmed	50-59	American Indian/Alaska Native	Male	39	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	30	6
Confirmed	70-79	American Indian/Alaska Native	Male	16	6
Confirmed	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	36	0
Confirmed	10-19	Asian/Pacific Islander	Male	49	0
Confirmed	20-29	Asian/Pacific Islander	Male	188	0
Confirmed	30-39	Asian/Pacific Islander	Male	192	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	169	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	141	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	108	13
Confirmed	70-79	Asian/Pacific Islander	Male	50	14
Confirmed	80+	Asian/Pacific Islander	Male	34	16
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	163	0
Confirmed	10-19	Black/African American	Male	433	0
Confirmed	20-29	Black/African American	Male	1503	9
Confirmed	30-39	Black/African American	Male	1627	28
Confirmed	40-49	Black/African American	Male	1811	70
Confirmed	50-59	Black/African American	Male	2153	192
Confirmed	60-69	Black/African American	Male	2029	343

Confirmed	70-79	Black/African American	Male	1293	416
Confirmed	80+	Black/African American	Male	598	303
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	84	0
Confirmed	10-19	Multiple Races	Male	279	0
Confirmed	20-29	Multiple Races	Male	584	0
Confirmed	30-39	Multiple Races	Male	496	0
Confirmed	40-49	Multiple Races	Male	531	Suppressed
Confirmed	50-59	Multiple Races	Male	541	Suppressed
Confirmed	60-69	Multiple Races	Male	389	21
Confirmed	70-79	Multiple Races	Male	198	16
Confirmed	80+	Multiple Races	Male	87	17
Confirmed	Unknown	Multiple Races	Male	Suppressed	0
Confirmed	0-9	Other	Male	156	0
Confirmed	10-19	Other	Male	392	0
Confirmed	20-29	Other	Male	789	Suppressed
Confirmed	30-39	Other	Male	702	Suppressed
Confirmed	40-49	Other	Male	614	Suppressed
Confirmed	50-59	Other	Male	443	8
Confirmed	60-69	Other	Male	271	24
Confirmed	70-79	Other	Male	136	18
Confirmed	80+	Other	Male	55	12
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	136	0
Confirmed	10-19	Unknown	Male	646	0
Confirmed	20-29	Unknown	Male	1336	Suppressed
Confirmed	30-39	Unknown	Male	1225	Suppressed
Confirmed	40-49	Unknown	Male	1317	11
Confirmed	50-59	Unknown	Male	1264	9
Confirmed	60-69	Unknown	Male	909	16
Confirmed	70-79	Unknown	Male	431	22
Confirmed	80+	Unknown	Male	257	32
Confirmed	Unknown	Unknown	Male	8	0
Confirmed	0-9	White	Male	465	0
Confirmed	10-19	White	Male	1912	Suppressed
Confirmed	20-29	White	Male	3936	7
Confirmed	30-39	White	Male	3099	13
Confirmed	40-49	White	Male	3046	38
Confirmed	50-59	White	Male	3670	123
Confirmed	60-69	White	Male	3149	294
Confirmed	70-79	White	Male	2150	499
Confirmed	80+	White	Male	1715	793
Confirmed	Unknown	White	Male	9	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	0	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	0	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	0	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	0	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	0	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	0	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	0	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	0	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	0	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	0	0
Confirmed	10-19	Black/African American	Unknown	Suppressed	0
Confirmed	20-29	Black/African American	Unknown	Suppressed	0
Confirmed	30-39	Black/African American	Unknown	Suppressed	0
Confirmed	40-49	Black/African American	Unknown	Suppressed	0
Confirmed	50-59	Black/African American	Unknown	Suppressed	0
Confirmed	60-69	Black/African American	Unknown	Suppressed	0
Confirmed	70-79	Black/African American	Unknown	Suppressed	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	0	0
Confirmed	10-19	Multiple Races	Unknown	Suppressed	0
Confirmed	20-29	Multiple Races	Unknown	Suppressed	0
Confirmed	30-39	Multiple Races	Unknown	Suppressed	0
Confirmed	40-49	Multiple Races	Unknown	0	0
Confirmed	50-59	Multiple Races	Unknown	Suppressed	0
Confirmed	60-69	Multiple Races	Unknown	Suppressed	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80+	Multiple Races	Unknown	0	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	Suppressed	0
Confirmed	20-29	Other	Unknown	0	0
Confirmed	30-39	Other	Unknown	Suppressed	0
Confirmed	40-49	Other	Unknown	Suppressed	0
Confirmed	50-59	Other	Unknown	Suppressed	0
Confirmed	60-69	Other	Unknown	Suppressed	0
Confirmed	70-79	Other	Unknown	0	0
Confirmed	80+	Other	Unknown	0	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	8	0
Confirmed	10-19	Unknown	Unknown	8	0
Confirmed	20-29	Unknown	Unknown	31	0
Confirmed	30-39	Unknown	Unknown	23	0
Confirmed	40-49	Unknown	Unknown	30	0
Confirmed	50-59	Unknown	Unknown	25	0
Confirmed	60-69	Unknown	Unknown	9	0

Confirmed	70-79	Unknown	Unknown	Suppressed	0
Confirmed	80+	Unknown	Unknown	6	0
Confirmed	Unknown	Unknown	Unknown	Suppressed	0
Confirmed	0-9	White	Unknown	0	0
Confirmed	10-19	White	Unknown	7	0
Confirmed	20-29	White	Unknown	8	0
Confirmed	30-39	White	Unknown	6	0
Confirmed	40-49	White	Unknown	Suppressed	0
Confirmed	50-59	White	Unknown	Suppressed	0
Confirmed	60-69	White	Unknown	Suppressed	0
Confirmed	70-79	White	Unknown	Suppressed	0
Confirmed	80+	White	Unknown	Suppressed	0
Confirmed	Unknown	White	Unknown	0	0
Probable	0-9	American Indian/Alaska Native	Female	Suppressed	0
Probable	10-19	American Indian/Alaska Native	Female	0	0
Probable	20-29	American Indian/Alaska Native	Female	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Female	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Female	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Female	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Female	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	0	0
Probable	Unknown	American Indian/Alaska Native	Female	0	0
Probable	0-9	Asian/Pacific Islander	Female	9	0
Probable	10-19	Asian/Pacific Islander	Female	8	0
Probable	20-29	Asian/Pacific Islander	Female	20	0
Probable	30-39	Asian/Pacific Islander	Female	16	0
Probable	40-49	Asian/Pacific Islander	Female	7	0
Probable	50-59	Asian/Pacific Islander	Female	13	0
Probable	60-69	Asian/Pacific Islander	Female	Suppressed	0
Probable	70-79	Asian/Pacific Islander	Female	Suppressed	0
Probable	80+	Asian/Pacific Islander	Female	0	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	20	0
Probable	10-19	Black/African American	Female	39	0
Probable	20-29	Black/African American	Female	110	0
Probable	30-39	Black/African American	Female	93	0
Probable	40-49	Black/African American	Female	124	Suppressed
Probable	50-59	Black/African American	Female	131	6
Probable	60-69	Black/African American	Female	109	11
Probable	70-79	Black/African American	Female	45	10
Probable	80+	Black/African American	Female	32	22
Probable	Unknown	Black/African American	Female	Suppressed	0
Probable	0-9	Multiple Races	Female	15	0
Probable	10-19	Multiple Races	Female	24	0
Probable	20-29	Multiple Races	Female	44	0
Probable	30-39	Multiple Races	Female	22	0
Probable	40-49	Multiple Races	Female	49	0
Probable	50-59	Multiple Races	Female	56	0
Probable	60-69	Multiple Races	Female	39	0

Probable	70-79	Multiple Races	Female	11	0
Probable	80+	Multiple Races	Female	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Female	9	0
Probable	0-9	Other	Female	20	0
Probable	10-19	Other	Female	34	0
Probable	20-29	Other	Female	38	0
Probable	30-39	Other	Female	41	0
Probable	40-49	Other	Female	33	0
Probable	50-59	Other	Female	24	Suppressed
Probable	60-69	Other	Female	16	Suppressed
Probable	70-79	Other	Female	8	0
Probable	80+	Other	Female	Suppressed	0
Probable	Unknown	Other	Female	Suppressed	0
Probable	0-9	Unknown	Female	39	0
Probable	10-19	Unknown	Female	158	0
Probable	20-29	Unknown	Female	368	0
Probable	30-39	Unknown	Female	298	0
Probable	40-49	Unknown	Female	396	0
Probable	50-59	Unknown	Female	408	0
Probable	60-69	Unknown	Female	329	Suppressed
Probable	70-79	Unknown	Female	134	0
Probable	80+	Unknown	Female	68	Suppressed
Probable	Unknown	Unknown	Female	32	0
Probable	0-9	White	Female	125	0
Probable	10-19	White	Female	243	0
Probable	20-29	White	Female	410	0
Probable	30-39	White	Female	298	0
Probable	40-49	White	Female	365	Suppressed
Probable	50-59	White	Female	403	Suppressed
Probable	60-69	White	Female	251	15
Probable	70-79	White	Female	138	17
Probable	80+	White	Female	91	41
Probable	Unknown	White	Female	32	0
Probable	0-9	American Indian/Alaska Native	Male	0	0
Probable	10-19	American Indian/Alaska Native	Male	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Male	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Male	0	0
Probable	40-49	American Indian/Alaska Native	Male	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Male	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Male	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Male	0	0
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	0	0
Probable	0-9	Asian/Pacific Islander	Male	12	0
Probable	10-19	Asian/Pacific Islander	Male	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Male	15	0
Probable	30-39	Asian/Pacific Islander	Male	19	0
Probable	40-49	Asian/Pacific Islander	Male	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Male	7	0
Probable	60-69	Asian/Pacific Islander	Male	Suppressed	0

Probable	70-79	Asian/Pacific Islander	Male	Suppressed	0
Probable	80+	Asian/Pacific Islander	Male	0	0
Probable	Unknown	Asian/Pacific Islander	Male	0	0
Probable	0-9	Black/African American	Male	31	0
Probable	10-19	Black/African American	Male	34	0
Probable	20-29	Black/African American	Male	58	0
Probable	30-39	Black/African American	Male	55	0
Probable	40-49	Black/African American	Male	55	7
Probable	50-59	Black/African American	Male	83	7
Probable	60-69	Black/African American	Male	80	16
Probable	70-79	Black/African American	Male	43	23
Probable	80+	Black/African American	Male	17	13
Probable	Unknown	Black/African American	Male	Suppressed	0
Probable	0-9	Multiple Races	Male	17	0
Probable	10-19	Multiple Races	Male	21	0
Probable	20-29	Multiple Races	Male	36	0
Probable	30-39	Multiple Races	Male	32	0
Probable	40-49	Multiple Races	Male	42	0
Probable	50-59	Multiple Races	Male	32	0
Probable	60-69	Multiple Races	Male	21	0
Probable	70-79	Multiple Races	Male	11	0
Probable	80+	Multiple Races	Male	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Male	10	0
Probable	0-9	Other	Male	19	0
Probable	10-19	Other	Male	36	0
Probable	20-29	Other	Male	44	0
Probable	30-39	Other	Male	31	0
Probable	40-49	Other	Male	26	0
Probable	50-59	Other	Male	20	0
Probable	60-69	Other	Male	16	Suppressed
Probable	70-79	Other	Male	6	Suppressed
Probable	80+	Other	Male	Suppressed	0
Probable	Unknown	Other	Male	Suppressed	0
Probable	0-9	Unknown	Male	41	0
Probable	10-19	Unknown	Male	159	0
Probable	20-29	Unknown	Male	298	0
Probable	30-39	Unknown	Male	289	Suppressed
Probable	40-49	Unknown	Male	283	Suppressed
Probable	50-59	Unknown	Male	307	0
Probable	60-69	Unknown	Male	232	Suppressed
Probable	70-79	Unknown	Male	89	Suppressed
Probable	80+	Unknown	Male	38	Suppressed
Probable	Unknown	Unknown	Male	20	0
Probable	0-9	White	Male	141	0
Probable	10-19	White	Male	234	0
Probable	20-29	White	Male	326	Suppressed
Probable	30-39	White	Male	243	Suppressed
Probable	40-49	White	Male	238	Suppressed
Probable	50-59	White	Male	293	Suppressed
Probable	60-69	White	Male	217	12

Probable	70-79	White	Male	91	10
Probable	80+	White	Male	63	23
Probable	Unknown	White	Male	18	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	0	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	0	0
Probable	30-39	Asian/Pacific Islander	Unknown	0	0
Probable	40-49	Asian/Pacific Islander	Unknown	0	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	0	0
Probable	10-19	Black/African American	Unknown	0	0
Probable	20-29	Black/African American	Unknown	0	0
Probable	30-39	Black/African American	Unknown	0	0
Probable	40-49	Black/African American	Unknown	0	0
Probable	50-59	Black/African American	Unknown	0	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	0	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	0	0
Probable	20-29	Multiple Races	Unknown	Suppressed	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	0	0
Probable	0-9	Other	Unknown	0	0
Probable	10-19	Other	Unknown	0	0
Probable	20-29	Other	Unknown	0	0
Probable	30-39	Other	Unknown	0	0
Probable	40-49	Other	Unknown	0	0
Probable	50-59	Other	Unknown	0	0
Probable	60-69	Other	Unknown	0	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	Suppressed	0
Probable	0-9	Unknown	Unknown	8	0
Probable	10-19	Unknown	Unknown	14	0
Probable	20-29	Unknown	Unknown	15	0
Probable	30-39	Unknown	Unknown	23	0
Probable	40-49	Unknown	Unknown	17	0
Probable	50-59	Unknown	Unknown	10	0
Probable	60-69	Unknown	Unknown	12	0
Probable	70-79	Unknown	Unknown	Suppressed	0
Probable	80+	Unknown	Unknown	Suppressed	0
Probable	Unknown	Unknown	Unknown	301	0
Probable	0-9	White	Unknown	Suppressed	0
Probable	10-19	White	Unknown	Suppressed	0
Probable	20-29	White	Unknown	Suppressed	0
Probable	30-39	White	Unknown	Suppressed	0
Probable	40-49	White	Unknown	Suppressed	0
Probable	50-59	White	Unknown	6	0
Probable	60-69	White	Unknown	0	0
Probable	70-79	White	Unknown	0	0
Probable	80+	White	Unknown	0	0
Probable	Unknown	White	Unknown	6	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2020-09-04

Updated	COUNTY	TestType	Count	RatePerMillion
2020/09/04 13:09:56	Alcona	Diagnostic	1715	164825
2020/09/04 13:09:56	Alcona	Serology	44	4229
2020/09/04 13:09:56	Alcona	Total	1759	169053
2020/09/04 13:09:56	Alger	Serology	66	7246
2020/09/04 13:09:56	Alger	Diagnostic	960	105402
2020/09/04 13:09:56	Alger	Total	1026	112648
2020/09/04 13:09:56	Allegan	Diagnostic	26324	222932
2020/09/04 13:09:56	Allegan	Serology	740	6267
2020/09/04 13:09:56	Allegan	Total	27064	229199
2020/09/04 13:09:56	Alpena	Diagnostic	2341	82415
2020/09/04 13:09:56	Alpena	Serology	126	4436
2020/09/04 13:09:56	Alpena	Total	2467	86851
2020/09/04 13:09:56	Antrim	Diagnostic	4283	183631
2020/09/04 13:09:56	Antrim	Serology	80	3430
2020/09/04 13:09:56	Antrim	Total	4363	187061
2020/09/04 13:09:56	Arenac	Diagnostic	3249	218303
2020/09/04 13:09:56	Arenac	Serology	120	8063
2020/09/04 13:09:56	Arenac	Total	3369	226366
2020/09/04 13:09:56	Baraga	Diagnostic	1645	200390
2020/09/04 13:09:56	Baraga	Serology	42	5116
2020/09/04 13:09:56	Baraga	Total	1687	205506
2020/09/04 13:09:56	Barry	Serology	596	9683
2020/09/04 13:09:56	Barry	Diagnostic	13620	221284
2020/09/04 13:09:56	Barry	Total	14216	230967
2020/09/04 13:09:56	Bay	Serology	1205	11685
2020/09/04 13:09:56	Bay	Diagnostic	29010	281306
2020/09/04 13:09:56	Bay	Total	30215	292991
2020/09/04 13:09:56	Benzie	Serology	43	2420
2020/09/04 13:09:56	Benzie	Diagnostic	3376	190026
2020/09/04 13:09:56	Benzie	Total	3419	192446
2020/09/04 13:09:56	Berrien	Serology	1738	11330
2020/09/04 13:09:56	Berrien	Diagnostic	55555	362155
2020/09/04 13:09:56	Berrien	Total	57293	373485
2020/09/04 13:09:56	Branch	Diagnostic	7440	170968
2020/09/04 13:09:56	Branch	Serology	139	3194
2020/09/04 13:09:56	Branch	Total	7579	174162
2020/09/04 13:09:56	Calhoun	Diagnostic	42036	313330
2020/09/04 13:09:56	Calhoun	Serology	693	5166
2020/09/04 13:09:56	Calhoun	Total	42729	318495
2020/09/04 13:09:56	Cass	Diagnostic	8385	161913
2020/09/04 13:09:56	Cass	Serology	219	4229
2020/09/04 13:09:56	Cass	Total	8604	166142
2020/09/04 13:09:56	Charlevoix	Serology	320	12240
2020/09/04 13:09:56	Charlevoix	Diagnostic	5564	212829
2020/09/04 13:09:56	Charlevoix	Total	5884	225070
2020/09/04 13:09:56	Cheboygan	Serology	183	7240
2020/09/04 13:09:56	Cheboygan	Diagnostic	2858	113072

2020/09/04 13:09:56	Cheboygan	Total	3041	120312
2020/09/04 13:09:56	Chippewa	Diagnostic	4395	117674
2020/09/04 13:09:56	Chippewa	Serology	86	2303
2020/09/04 13:09:56	Chippewa	Total	4481	119976
2020/09/04 13:09:56	Clare	Serology	217	7011
2020/09/04 13:09:56	Clare	Diagnostic	4123	133215
2020/09/04 13:09:56	Clare	Total	4340	140226
2020/09/04 13:09:56	Clinton	Serology	2425	30467
2020/09/04 13:09:56	Clinton	Diagnostic	14726	185012
2020/09/04 13:09:56	Clinton	Total	17151	215478
2020/09/04 13:09:56	Correctional	Serology	10737	
2020/09/04 13:09:56	Correctional	Diagnostic	71773	
2020/09/04 13:09:56	Correctional	Total	82510	
2020/09/04 13:09:56	Crawford	Diagnostic	2325	165728
2020/09/04 13:09:56	Crawford	Serology	49	3493
2020/09/04 13:09:56	Crawford	Total	2374	169221
2020/09/04 13:09:56	Delta	Serology	224	6260
2020/09/04 13:09:56	Delta	Diagnostic	8180	228594
2020/09/04 13:09:56	Delta	Total	8404	234854
2020/09/04 13:09:56	Detroit City	Diagnostic	235498	362414
2020/09/04 13:09:56	Detroit City	Serology	13393	20611
2020/09/04 13:09:56	Detroit City	Total	248891	383025
2020/09/04 13:09:56	Dickinson	Serology	68	2694
2020/09/04 13:09:56	Dickinson	Diagnostic	3334	132097
2020/09/04 13:09:56	Dickinson	Total	3402	134791
2020/09/04 13:09:56	Eaton	Diagnostic	31564	286248
2020/09/04 13:09:56	Eaton	Serology	3650	33101
2020/09/04 13:09:56	Eaton	Total	35214	319349
2020/09/04 13:09:56	Emmet	Diagnostic	6992	209247
2020/09/04 13:09:56	Emmet	Serology	766	22924
2020/09/04 13:09:56	Emmet	Total	7758	232171
2020/09/04 13:09:56	Genesee	Diagnostic	79206	195179
2020/09/04 13:09:56	Genesee	Serology	10083	24846
2020/09/04 13:09:56	Genesee	Total	89289	220025
2020/09/04 13:09:56	Gladwin	Diagnostic	4358	171244
2020/09/04 13:09:56	Gladwin	Serology	132	5187
2020/09/04 13:09:56	Gladwin	Total	4490	176431
2020/09/04 13:09:56	Gogebic	Diagnostic	5481	392200
2020/09/04 13:09:56	Gogebic	Serology	42	3005
2020/09/04 13:09:56	Gogebic	Total	5523	395206
2020/09/04 13:09:56	Grand Traverse	Diagnostic	19144	205655
2020/09/04 13:09:56	Grand Traverse	Serology	402	4318
2020/09/04 13:09:56	Grand Traverse	Total	19546	209973
2020/09/04 13:09:56	Gratiot	Serology	338	8302
2020/09/04 13:09:56	Gratiot	Diagnostic	12800	314411
2020/09/04 13:09:56	Gratiot	Total	13138	322714
2020/09/04 13:09:56	Hillsdale	Diagnostic	9329	204561
2020/09/04 13:09:56	Hillsdale	Serology	280	6140
2020/09/04 13:09:56	Hillsdale	Total	9609	210701
2020/09/04 13:09:56	Houghton	Diagnostic	6884	192916

2020/09/04 13:09:56	Houghton	Serology	111	3111
2020/09/04 13:09:56	Houghton	Total	6995	196026
2020/09/04 13:09:56	Huron	Diagnostic	7779	251089
2020/09/04 13:09:56	Huron	Serology	249	8037
2020/09/04 13:09:56	Huron	Total	8028	259127
2020/09/04 13:09:56	Ingham	Diagnostic	87546	299399
2020/09/04 13:09:56	Ingham	Serology	12351	42239
2020/09/04 13:09:56	Ingham	Total	99897	341638
2020/09/04 13:09:56	Ionia	Serology	974	15055
2020/09/04 13:09:56	Ionia	Diagnostic	16013	247508
2020/09/04 13:09:56	Ionia	Total	16987	262562
2020/09/04 13:09:56	Iosco	Diagnostic	5890	234409
2020/09/04 13:09:56	Iosco	Serology	134	5333
2020/09/04 13:09:56	Iosco	Total	6024	239742
2020/09/04 13:09:56	Iron	Diagnostic	4482	405024
2020/09/04 13:09:56	Iron	Serology	17	1536
2020/09/04 13:09:56	Iron	Total	4499	406561
2020/09/04 13:09:56	Isabella	Diagnostic	10219	146253
2020/09/04 13:09:56	Isabella	Serology	464	6641
2020/09/04 13:09:56	Isabella	Total	10683	152894
2020/09/04 13:09:56	Jackson	Serology	1301	8208
2020/09/04 13:09:56	Jackson	Diagnostic	49818	314289
2020/09/04 13:09:56	Jackson	Total	51119	322497
2020/09/04 13:09:56	Kalamazoo	Serology	2367	8930
2020/09/04 13:09:56	Kalamazoo	Diagnostic	64896	244830
2020/09/04 13:09:56	Kalamazoo	Total	67263	253759
2020/09/04 13:09:56	Kalkaska	Serology	35	1940
2020/09/04 13:09:56	Kalkaska	Diagnostic	4648	257678
2020/09/04 13:09:56	Kalkaska	Total	4683	259619
2020/09/04 13:09:56	Kent	Diagnostic	205159	312288
2020/09/04 13:09:56	Kent	Serology	12382	18848
2020/09/04 13:09:56	Kent	Total	217541	331135
2020/09/04 13:09:56	Keweenaw	Serology	14	6616
2020/09/04 13:09:56	Keweenaw	Diagnostic	421	198960
2020/09/04 13:09:56	Keweenaw	Total	435	205577
2020/09/04 13:09:56	Lake	Diagnostic	2891	243904
2020/09/04 13:09:56	Lake	Serology	105	8859
2020/09/04 13:09:56	Lake	Total	2996	252763
2020/09/04 13:09:56	Lapeer	Diagnostic	14169	161734
2020/09/04 13:09:56	Lapeer	Serology	1520	17350
2020/09/04 13:09:56	Lapeer	Total	15689	179084
2020/09/04 13:09:56	Leelanau	Diagnostic	3212	147604
2020/09/04 13:09:56	Leelanau	Serology	88	4044
2020/09/04 13:09:56	Leelanau	Total	3300	151647
2020/09/04 13:09:56	Lenawee	Diagnostic	19075	193751
2020/09/04 13:09:56	Lenawee	Serology	706	7171
2020/09/04 13:09:56	Lenawee	Total	19781	200922
2020/09/04 13:09:56	Livingston	Serology	4258	22178
2020/09/04 13:09:56	Livingston	Diagnostic	44996	234360
2020/09/04 13:09:56	Livingston	Total	49254	256538

2020/09/04 13:09:56	Luce	Diagnostic	759	121849
2020/09/04 13:09:56	Luce	Serology	26	4174
2020/09/04 13:09:56	Luce	Total	785	126023
2020/09/04 13:09:56	Mackinac	Diagnostic	1495	138439
2020/09/04 13:09:56	Mackinac	Serology	42	3889
2020/09/04 13:09:56	Mackinac	Total	1537	142328
2020/09/04 13:09:56	Macomb	Diagnostic	200657	229592
2020/09/04 13:09:56	Macomb	Serology	27059	30961
2020/09/04 13:09:56	Macomb	Total	227716	260553
2020/09/04 13:09:56	Manistee	Serology	125	5090
2020/09/04 13:09:56	Manistee	Diagnostic	3799	154695
2020/09/04 13:09:56	Manistee	Total	3924	159785
2020/09/04 13:09:56	Marquette	Diagnostic	26675	399931
2020/09/04 13:09:56	Marquette	Serology	880	13194
2020/09/04 13:09:56	Marquette	Total	27555	413125
2020/09/04 13:09:56	Mason	Diagnostic	8612	295498
2020/09/04 13:09:56	Mason	Serology	378	12970
2020/09/04 13:09:56	Mason	Total	8990	308468
2020/09/04 13:09:56	Mecosta	Diagnostic	9026	207719
2020/09/04 13:09:56	Mecosta	Serology	393	9044
2020/09/04 13:09:56	Mecosta	Total	9419	216763
2020/09/04 13:09:56	Menominee	Diagnostic	3623	159043
2020/09/04 13:09:56	Menominee	Serology	39	1712
2020/09/04 13:09:56	Menominee	Total	3662	160755
2020/09/04 13:09:56	Midland	Diagnostic	11447	137657
2020/09/04 13:09:56	Midland	Serology	773	9296
2020/09/04 13:09:56	Midland	Total	12220	146953
2020/09/04 13:09:56	Missaukee	Serology	67	4432
2020/09/04 13:09:56	Missaukee	Diagnostic	2412	159545
2020/09/04 13:09:56	Missaukee	Total	2479	163977
2020/09/04 13:09:56	Monroe	Serology	2457	16326
2020/09/04 13:09:56	Monroe	Diagnostic	29810	198073
2020/09/04 13:09:56	Monroe	Total	32267	214399
2020/09/04 13:09:56	Montcalm	Diagnostic	17011	266263
2020/09/04 13:09:56	Montcalm	Serology	859	13445
2020/09/04 13:09:56	Montcalm	Total	17870	279708
2020/09/04 13:09:56	Montmorency	Diagnostic	1136	121784
2020/09/04 13:09:56	Montmorency	Serology	84	9005
2020/09/04 13:09:56	Montmorency	Total	1220	130789
2020/09/04 13:09:56	Muskegon	Serology	1161	6689
2020/09/04 13:09:56	Muskegon	Diagnostic	54517	314100
2020/09/04 13:09:56	Muskegon	Total	55678	320789
2020/09/04 13:09:56	Newaygo	Serology	542	11066
2020/09/04 13:09:56	Newaygo	Diagnostic	11860	242140
2020/09/04 13:09:56	Newaygo	Total	12402	253205
2020/09/04 13:09:56	Oakland	Serology	59248	47113
2020/09/04 13:09:56	Oakland	Diagnostic	308196	245070
2020/09/04 13:09:56	Oakland	Total	367444	292182
2020/09/04 13:09:56	Oceana	Diagnostic	10294	388937
2020/09/04 13:09:56	Oceana	Serology	266	10050

2020/09/04 13:09:56	Oceana	Total	10560	398987
2020/09/04 13:09:56	Ogemaw	Serology	97	4620
2020/09/04 13:09:56	Ogemaw	Diagnostic	3538	168500
2020/09/04 13:09:56	Ogemaw	Total	3635	173120
2020/09/04 13:09:56	Ontonagon	Diagnostic	1922	336014
2020/09/04 13:09:56	Ontonagon	Serology	15	2622
2020/09/04 13:09:56	Ontonagon	Total	1937	338636
2020/09/04 13:09:56	Osceola	Diagnostic	6640	283035
2020/09/04 13:09:56	Osceola	Serology	213	9079
2020/09/04 13:09:56	Osceola	Total	6853	292114
2020/09/04 13:09:56	Oscoda	Diagnostic	969	117583
2020/09/04 13:09:56	Oscoda	Serology	17	2063
2020/09/04 13:09:56	Oscoda	Total	986	119646
2020/09/04 13:09:56	Otsego	Diagnostic	3269	132520
2020/09/04 13:09:56	Otsego	Serology	235	9527
2020/09/04 13:09:56	Otsego	Total	3504	142046
2020/09/04 13:09:56	Ottawa	Serology	3843	13169
2020/09/04 13:09:56	Ottawa	Diagnostic	81409	278960
2020/09/04 13:09:56	Ottawa	Total	85252	292129
2020/09/04 13:09:56	Presque Isle	Diagnostic	1479	117456
2020/09/04 13:09:56	Presque Isle	Serology	113	8974
2020/09/04 13:09:56	Presque Isle	Total	1592	126429
2020/09/04 13:09:56	Roscommon	Diagnostic	4477	186394
2020/09/04 13:09:56	Roscommon	Serology	239	9950
2020/09/04 13:09:56	Roscommon	Total	4716	196345
2020/09/04 13:09:56	Saginaw	Diagnostic	63947	335611
2020/09/04 13:09:56	Saginaw	Serology	1237	6492
2020/09/04 13:09:56	Saginaw	Total	65184	342103
2020/09/04 13:09:56	Sanilac	Serology	433	10517
2020/09/04 13:09:56	Sanilac	Diagnostic	9534	231576
2020/09/04 13:09:56	Sanilac	Total	9967	242094
2020/09/04 13:09:56	Schoolcraft	Diagnostic	1328	164072
2020/09/04 13:09:56	Schoolcraft	Serology	37	4571
2020/09/04 13:09:56	Schoolcraft	Total	1365	168643
2020/09/04 13:09:56	Shiawassee	Diagnostic	14765	216743
2020/09/04 13:09:56	Shiawassee	Serology	1376	20199
2020/09/04 13:09:56	Shiawassee	Total	16141	236943
2020/09/04 13:09:56	St Clair	Diagnostic	27720	174199
2020/09/04 13:09:56	St Clair	Serology	3892	24458
2020/09/04 13:09:56	St Clair	Total	31612	198658
2020/09/04 13:09:56	St Joseph	Serology	544	8923
2020/09/04 13:09:56	St Joseph	Diagnostic	14525	238255
2020/09/04 13:09:56	St Joseph	Total	15069	247179
2020/09/04 13:09:56	Tuscola	Diagnostic	16497	315762
2020/09/04 13:09:56	Tuscola	Serology	498	9532
2020/09/04 13:09:56	Tuscola	Total	16995	325294
2020/09/04 13:09:56	Unknown	Diagnostic	217047	
2020/09/04 13:09:56	Unknown	Serology	19824	
2020/09/04 13:09:56	Unknown	Total	236871	
2020/09/04 13:09:56	Van Buren	Diagnostic	22547	297937

2020/09/04 13:09:56	Van Buren	Serology	468	6184
2020/09/04 13:09:56	Van Buren	Total	23015	304121
2020/09/04 13:09:56	Washtenaw	Diagnostic	111697	303854
2020/09/04 13:09:56	Washtenaw	Serology	9194	25011
2020/09/04 13:09:56	Washtenaw	Total	120891	328865
2020/09/04 13:09:56	Wayne	Diagnostic	329164	298207
2020/09/04 13:09:56	Wayne	Serology	38910	35251
2020/09/04 13:09:56	Wayne	Total	368074	333457
2020/09/04 13:09:56	Wexford	Serology	127	3776
2020/09/04 13:09:56	Wexford	Diagnostic	6702	199280
2020/09/04 13:09:56	Wexford	Total	6829	203057

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2020-09-04

MessageDate	COUNTY	Negative	Positive	Total
9/3/2020	Alcona	9	0	9
9/3/2020	Alger	4	0	4
9/3/2020	Allegan	226	3	229
9/3/2020	Alpena	6	0	6
9/3/2020	Antrim	11	0	11
9/3/2020	Arenac	29	2	31
9/3/2020	Baraga	6	0	6
9/3/2020	Barry	288	6	294
9/3/2020	Bay	416	12	428
9/3/2020	Benzie	37	0	37
9/3/2020	Berrien	813	14	827
9/3/2020	Branch	46	2	48
9/3/2020	Calhoun	633	35	668
9/3/2020	Cass	185	2	187
9/3/2020	Charlevoix	95	0	95
9/3/2020	Cheboygan	24	0	24
9/3/2020	Chippewa	131	2	133
9/3/2020	Clare	53	0	53
9/3/2020	Clinton	220	16	236
9/3/2020	Correctional	760	114	874
9/3/2020	Crawford	5	0	5
9/3/2020	Delta	101	5	106
9/3/2020	Detroit City	2150	48	2198
9/3/2020	Dickinson	26	0	26
9/3/2020	Eaton	432	5	437
9/3/2020	Emmet	74	1	75
9/3/2020	Genesee	576	27	603
9/3/2020	Gladwin	75	1	76
9/3/2020	Gogebic	3	0	3
9/3/2020	Grand Traverse	133	4	137
9/3/2020	Gratiot	152	2	154
9/3/2020	Hillsdale	152	0	152
9/3/2020	Houghton	83	1	84
9/3/2020	Huron	43	0	43
9/3/2020	Ingham	1219	46	1265
9/3/2020	Ionia	174	8	182
9/3/2020	Iosco	36	3	39
9/3/2020	Iron	10	0	10
9/3/2020	Isabella	189	8	197
9/3/2020	Jackson	564	11	575
9/3/2020	Kalamazoo	723	33	756
9/3/2020	Kalkaska	15	0	15
9/3/2020	Kent	1885	30	1915
9/3/2020	Keweenaw	4	0	4
9/3/2020	Lake	20	0	20
9/3/2020	Lapeer	98	1	99
9/3/2020	Leelanau	18	1	19

9/3/2020	Lenawee	265	10	275
9/3/2020	Livingston	376	10	386
9/3/2020	Luce	7	1	8
9/3/2020	Mackinac	28	1	29
9/3/2020	Macomb	1611	90	1701
9/3/2020	Manistee	102	2	104
9/3/2020	Marquette	104	2	106
9/3/2020	Mason	72	2	74
9/3/2020	Mecosta	139	4	143
9/3/2020	Menominee	54	2	56
9/3/2020	Midland	128	6	134
9/3/2020	Missaukee	13	0	13
9/3/2020	Monroe	266	10	276
9/3/2020	Montcalm	162	4	166
9/3/2020	Montmorency	6	0	6
9/3/2020	Muskegon	382	4	386
9/3/2020	Newaygo	124	0	124
9/3/2020	Oakland	2729	111	2840
9/3/2020	Oceana	122	0	122
9/3/2020	Ogemaw	102	0	102
9/3/2020	Ontonagon	57	2	59
9/3/2020	Osceola	63	1	64
9/3/2020	Oscoda	3	0	3
9/3/2020	Otsego	47	2	49
9/3/2020	Ottawa	749	14	763
9/3/2020	Presque Isle	5	0	5
9/3/2020	Roscommon	27	0	27
9/3/2020	Saginaw	613	29	642
9/3/2020	Sanilac	92	0	92
9/3/2020	Schoolcraft	71	0	71
9/3/2020	Shiawassee	306	5	311
9/3/2020	St Clair	267	2	269
9/3/2020	St Joseph	105	4	109
9/3/2020	Tuscola	267	1	268
9/3/2020	Unknown	780	15	795
9/3/2020	Van Buren	332	18	350
9/3/2020	Washtenaw	1128	20	1148
9/3/2020	Wayne	2723	191	2914
9/3/2020	Wexford	37	2	39